results of successive improvements in

the art of telescope construction. The

writer has seen more than one telescope

of the older makes that gave an image

of place of the earth from one side of its

orbit to the other-they only know ap-

of the uncounted millions that deck the

firmament (only a few thousand of which

can be seen with the unaided eye), and

have guessed at the distances of perhaps

fifty others. In hardly any one case can

VARIATIONS IN MEASURES.

of a second.

proximately the distances of about

# Baily Engle Told in Fewest Words M. M. MURDOCK, R. P. MURDOCK,

M. M. MURDOCK & BRO. ublishers and Proprietors.

per year.
Three times a week, any days desired, six months.
Two times a week, any days desired 1.50 per year. Bunday, per year. WEEKLY EAGLE.

application.

The proprietors reserve the right to re-flect and discontinue any advertisements contracted for either by themselves or

contracted for either by their agents.

Entered in the postoffice at Wichlita as second-cless matter and entered for transmission through the mails as such.

Enastern Business Office, "The Tribune" Building, New York City; Western Business Office, "The Rookery," Chicago; The Rockery, Chicago; The Rockery Chicago; The Rockery Chicago; The Rockery Chicago; The Rockery Chicago, and Readers of the Eagle when in New York City or Chicago, can see copies of the paper at the office of our agent at the address given above.

#### ANNOUNCEMENT.

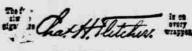
I hereby announce myself as a candidate for the office of Register of Deeds of Sedg-wick county, subject to the decision of the Parabilities. Republican county convention. FRANK W. WRIGHT.

Has been used for over FIFTY YEARS by MILLIONS of MOTHERS for their at Managua. CHILDREN WHILE TEETHING, with PERFECT SUCCESS. It SOOTHES LAYS all PAIN; CURES WIND COLIC, end is the best remedy for will undertake a speech-making tour in OIARRHOEA. Sold by Druggists in America for the nursus of advancing every part of the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind, Twentyfive cents a bottle.

If you want picture frames, go to Mar-

## CASTORIA

For Infants and Children,



The latest in Art Novelties, Screens Easels, etc., at Martin's Art Store. d101-2t

Exchange Stables.

Exchange Stables at Orlando and Stillwater. Make a specialty of carry-Also do a general livery business. Traveling men's patronage solicited. BHIVELY, VAN WYKE & SHIVELY.

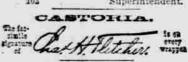
We are now making the new finish gablnet photo for \$2.50 a dozen. This not duplicated in Kansas. Baid-92-tf win's, Leading Artists.

"My boy came home from school one day with his hand badly lacerated and bleeding and suffering great pain," says leaving a scar. For wounds, sprains, 000 france duty. swellings and rheumatism I know of no | Denver Colo Sept 11 -A. L. Hach-25 and 50 cent sizes for sale by Druggists,

LOST-A black wrap with silk yoke, trimmed with jet and lace, and a cashmere frill embroidered and trimmed wih silk fringe. A suitable reward will be paid finder if wrap is returned to Mrs. J. M. Knapp, at Hotel Plazza

### Notice to Teachers

The teachers of the grade schools are school books heretofore in use in the schools, except the drawing books, until | 128 1-2. further notice from the board through this office. FRANK R. DYER, Superintendent. 102



Jim Wants at Bob Again

Wheeling, W. Va., Sept. 10.-Ex-Champion James J. Corbett, who is here today to play first base with the Wheeling baseball team this afternoon, has just received a telegram from Chicago, informing him that the Northern Julane contest between Corbett and Fitzsimtelegram, Corbett authorized the Assoclated Press to say that he accepts the his revolver, killed her and her husband cision in the matter. Corbett declined to and escaped before Robinson could inoffer and will awalt Fitzsimmons' say anything further in the matter until Fitzsimmons is heard from.

New York, Sept. 11.-In an interview leans of a purse of \$20,000 for a fight be- and the contestants were the two tween himself and Corbett, said:

Corbett, who is now in Wheeling, W. 7-9; 6-4. Va., has stated that he would accept the offer of the Northern Tulane club if Fitz. Toronto and great applause greeted the

simmons would agree to fight him.

Lavigne Will Meet Walcott. San Francisco, Sept. II .- Articles of agreementh ave just been signed by George Lavigne and Joe Walcott for the most important glove contest on the coast since the meeting of Corbett and Fitzsimmons at Carson. Kid Lavigne. has been pronounced the greatest lightweight pugilist the world has known and Walcott, who is naturally a welterweight, has many times given evidence of his cleverness in the ring The exercise of great tact and diplomacy was required to bring the men togethe as they differed materially in their views the vital question of weight. O'Rrourke, acting for Walcott, finally conceded a point to the Lavigne party and agreed that his man should weigh 135 pounds at 6 p. m. on the day of the contest. The affair will be handled by Young Mitchell, manager of the Occ

dental club, and will take place early in

November in the Mechanic's pavillon

The men will fight for 75 per cent of the

gate receipts. Of this, the winner takes

A most serious accident is reported from Madras as having occurred at the Champion Reefs mines. Forty persons are known to have been killed.

Dr. R. H. Jesse, president of the Misouri state university, has been appointed a member of the executive committe of the National Association of Agricultural Colleges and Experiment Stations. The Nicaraguan congress has appointed a committee to investigate the charter and affairs of the London bank of Central America, limited, of Managua, with the object of annulling its charter

The secretary of the treasury has given authority to the Mee Lee Village company to bring into this country 400 Chinese to take part in the Trans-Mississippi and International Exposition at Omaha. Neb., next year.

The Austrian ship Gottenreld Schenker yesterday went ashore west of the Mississippi jetties. She has a cargo of phosphate rock and pig iron and lies in a bed of quicksand. Doubts are entertained of floating her.

George Bogart, alias George Myers, the absconding city clerk of Evanston, Ill., was captured at Cape May Point, N. J., yesterday and lodged in jail. He is charged with having stolen \$9,000 of the city's funds. He is held to await requisition papers.

Several officials of the Greater Republe of Central America, who were prominent in objecting to Hon. W. L. Merry as United States minister to Central America, are now loud in his praises, and are anxiously awaiting his arrival

Louise Michel, the notorious French anarchist, is coming to the United States the CHILD, SOFTENS the GUMS, AL- in October. She will be accompanied by prominent English anarchists and they America for the purpose of advancing the anarchist propaganda.

> Commander Perry, of the gunboat Castine, at Montevideo, reports that commissioners representing the government of Uruguay and the insurgents have agreed upon terms of peace, which are still subject, however, to the ratification of congress. It is not doubted that the agreement will be ratified.

Judge Coit of the United States circuit ourt, in Boston, has sent down a decison in the case of William H. Baker against the United Telegram company. The petition for the sale of the stock of the company, now in the hands of a receiver, was denied, as it could only be dis posed of at a great sacrifice.

Captain Burk, of the Allen line steamer State of Nebraska, has reported at Glasgow, Scotland, having sighted the Anchor line steamer Circassia, Captain Boothby, which on September 10 was reported by the Thingvalla line steamer ing passengers between these points. Island to be in a disabled condition. No apprehension is felt regarding her safe.

#### LATE NEWS BY WIRE.

Washington, Sept. 11 .- Adjutant General Ruggles was retired today on account of age and Colonel Samuel Beck made a brigadier general and appointed to the vacancy.

Paris, Sept. 11 .- The Matin, in an Mr. E. J. Schall, with Meyer Bros.' Drug | tiele on the grain supply, says it will be Co., St. Louis, Mo. "I dressed the necessary to import 20,000,000 quintals wound and applied Chamberlain's Pain of wheat this season on account of the Balm freely. All pain ceased and in a failure of the crop. The importation of remarkably short time it healed without this quantity of wheat will yield 140,000,-

medicine or prescription equal to it. I enberger today made a new world's ends for fifty miles on the Denver wheel 2 hours, 28 minutes and 15 seconds, held by A. L. Meixell of this city.

New York, Sept. 11.-James Hooper, week started from Troy, N. Y., to swim to the propinquity of water surface. bon Bench, this city, at 3:15 this afternoon. When Hooper left Troy he weighdirected not to use any of the common ed 16; pounds; at the float of the Audubon Yacht club today he only weighed

London, Sept. 11 .- The Dublin corresand Duchess of York has proved a failure, and that the stage display made that the royal family have any affection for the Irish and did not install the rayal family in the affections of the pecfamine.

Evansville, Ind. Sont 11 -- In Warrick county, George Slaughter, a negro, criminally assaulted Mrs. Will Jones Thursday night and made his escape. Staughter returned yesterday. James Mub of New Orleans offers \$20,000 for a Pobinson, a colored deputy sheriff, ar rested Slaughter and took him to Mrs. mons. Immediately on receipt of the Jones for identification. Wasn Mrs. Jones recognized him, Slaughter pulled

### Tennis Play Ends at Toronto,

Toronto, Ont., Sept. 10.-The last at Newark, N. J., today, Bob Fizzim- match of the Toronto lawn tennis tour- but a few hours in the whole year. mons, the pugillist, in reply to the offer nament was played this morning. It was of the Northern Tulane club of New Or- the final in the open handicap singles American cracks, W. D. Whitman and "I will not fight Corbett again until he C. K. Bullong. Whitman had beaten makes a reputation. Let him fight some Fischer, and Budlong had defeated Ware one else. eH quit like a yellow cur on in the s mi-finals, and today it was a the 17th of last March; besides, I have case of Greek meet Greek. Budlong finally won by the score of 8-6: 1-6: 6-3:

It was the best tennis ever seen it contestants at the conclusion of the

### TO EXPLORE SPACE

WHAT THE YERKES TELESCOPE IS EYPECTED TO DO.

Biggest and Best Star Chaser in the World. and Not Only the Biggest But Just About as Big as It's Worth While to Build Them-Some Things That It Can't Do, But More Things It Can-Cau't See the Man in the Moon, Even if He Is There-Where and What the Big Glass Is.

Chicago Sept. 13 .- Chicago has the singular distinction of having twice possesseed an astronomical instrument admitted to be the biggest refractor and justly entitled to be called the best telescope of any class in the world. The "equatorial" of eighteen and a half inches aperture and twenty-three feet focal length which was mounted in the Dearborn Observa- lines passing from the eye to the opposite tory in this city in March, 1866, "led all sides of the disk may be said to be practhe rest" from that time till 1873, when tically parallel. The perfection of the two loger instruments by the same maker were finished for the National Observatory in Washington and for the University of Virginia respectively. Now the lost lead is retaken by the building of the Yerkes Observatory of the University of of a bright star of such irreglar outline Chicago, near te northern extremity of that it might not be unfairly be compar-Lake Geneva, in Wisconsin. The struc- ed to a spadeful of soft mortar thrown ture is equipped in part with monster giers having a clear aperture of forty mones, mounted in a steel tube sixey two feet long. The diameter of the opening is one-ninth larger and the light gathering power nearly one-fourth great- are far from perfect in this particular. er than that of the celebrated Lick telescope situated on Mount Hamilton in California, and which for several year undisputably stood at the head of the

ADVANTAGES OF THE SITE. True, this magnificent instrument is not located in Chicago, nor even in the state of Illinois, but there was good rea son for the selection of the site chosen and the distance of less than eighty mile from the institution to which the obser valory belongs is not a great practical difficulty since the advent of the iron horse and the steam boat. The region is one where the mean annual cloudiness is the measuring apparatus used-somelow for this prat of the United States has nearly the maximum of dust, and is not likely to be disturbed by the estab lishment of factories, while the summe residences on the shore of the lake are well removed from the site of the ob servatory, and it is the opinion of Pro feeror Hale that if the present number of residences were doubled or trebled the atmospheric conditions would not be ap preclably affected. The nearest railroad track is more than a mile distant, and the shore of Lake Geneva is about third of a mile away, while Lake Michigan is thirty-eight miles to the eastward The center of motion of the big telescop is 240 feet above the surface of Lake Geneva, and some 1,200 feet above the sea level. The nature of the soil is favorable to stability, almost a minimum of ground vibration being secured, and the site is about the least affected by atmos pheric disturbances of any near the small lake, as the prevailing winds at the observatory do not blow across much water surface. Hence, the atmospheric tonditions are really good. They are far bet ter than those at Mount Hamilton, and omprae well with those in the neighbor hood of any other observatory in the United States, with the possible exception of the one in Arizona. The air gen erelly is calm, and an ingenious applica tion of cotton sheeting to that part of the "slit" which is below the object end of the telescope permits the instrument to the great majority of instances the partions for work on the sun, which necesearily is prosecuted in the day time, and club's track. The previous record was hither to has formed the principal subject of Professor Hales investigations, are about as good as could be desired while those of the night part of the the English long distance champion twenty-four hours are somewhat less swimmer, who on Wednesday of last good, the latter fact probably being due

Cown the Hudson river, reached Audu- CONDITIONS FOR ACCURATE WORK angular measures made oneach of the These points are mentioned rather prominently by the writer, who visited the observatory last week with the express wish to ascertain the probable character and relative value of the work which will be performed there, because Sept. 2..... ..... .300.66 eeconds pindent of the Observer declares that they enter largely as factors in the anthe tour through Ireland of the Duke swer to the question. It is well known to the working astronomer that a given condition of the atmosphere at any stat ld not deceive the people into the belief | ed time often may be made available in certain kinds of observation while unsuitable for others, but that stability of the instrument is the first and greatest consideration after the instrument itself has been secured. Better work has been ould be kept perfectly steady than with both. The bigger the telescope the highevidently the trembling of the instrument

description of the big telescope and its than that claimed by the persons statsible expenditure of human force or loss For instance, Harkness, the present supclock work which is designed to carry the Almanac, gives the constant of Nutation object observed seems to travel (this mo- less than 01 second, while his predecesion being due to the rotation of the sor, Newcomb, gives the constant as 9.21 may be wanted, and even the winding case, and both determinations made from up of the clock movement when needed performed without changing by so recent determinations of the diameter of much, apparently, as a hair's breadth the planet Jupiter differ by jabout onee position of a star with respect to the statisth part of the total, and numerous wires" in the focus which are used to other instances might be cited in which neasure retative distances and angular good authority gives wide margins of unposition. The writer tested this for him-self, with a power of 700, and was liter-BASIS FOR COMPUTATION. ally astonished at the steadiness attained, while he was almost lost in wonder

the perfection of figure of the big glasses of detail than is attempted elsewhere parent magnifying in the case of a fixed useless by that done at Williams Bay. ear is spurious, the distance of the nearest of those objects being so wast in pro- ed yet. It will be the work of time.zln

portion to its actual size that two straight visual figure here noted constitutes one of the most wonderful, as it is valuable

to the sidewalk from a height of several feet. Of course such an instrument as that would not be tolerated today except as a curiosity, but even now there are many in use in the observatory which ACCURATE MEASUREMENTS. A very large part of the work donwith the equatorial telescope, that being the class to which the forty-inch instrument belonsg, consists in measurin apparent distances and angular positions between two or more objects that are nearly in the same line of sight. That is, they seem to be very near each other though the one may be billions of miles farther away than the other, and it is for the telescope to furnish us with the means of determining whether the nearness is actual or only seeming. Owing to poor definition, and imperfection in times one of these and sometimes all three-the results obtained not only by different observers with different instruments but by the one observer with the same instrument, often differ so widely that but little value can be attached to the result deduced from a comparison of all the measures. So difficult is this class of work that astronomers have been observing and measuring for many years the parallaxes-that is, the changes in the apparent positions of stars due to change

Some idea of the vast range of optical power available with the great Yerkes telescope to fit the different moods of the atmosphere and best to suit the different kinds of work desired to be done may be gathered from the following statement of magnifying power of the different eye pieces: 230, 280 350, 460, 700, 940, 1,340, 1,700, 2,080, 2,680 and 3,750. When the latter is employed the field of view is only 28 seconds in diameter, which is less than sufficient to show the whole of the disk of Jupiter at once to say nothing of

it be truely said that the distance is known to within less than ten per cent, and in some instances the comparisons indicate a "negative parallax," which owuld mean that the star is at more than an infinite distance if it did not mean This deals up to the question often an absurdity. Of course such a dilemma put to he asconomer as to the power of would not be encountered by scientific an instrument in working toward the workers if it were not that the differsolution of a problem of life in other ences of angular measurement involved worlds than our own. The Yerkes teleare exceedingly small. How many they are may be inferred from the statement that probably not more than ten stars have paralaxes exceeding a tenth part of a setond of are in each case, and in of 400 miles from the junction is but a Professor Barnard showed to the writer the following results of a series of six

dates noted for the distances of the stare known as Atlas and Pleione in the well known group of the Pleiades: Aug. 27...... 200,65 seconds vision, under favorable conditions as to Aug. 29...... 300.60 seconds relieve illumination or contrast of color, To those who know something of the but for the ordinary human eye the least subject, and are able to judge the stature diameter perceivable at the of Hercules by observing the size of his onemile is not far from half a yard. ot, this small array of figures tells vol. Comparing these two statements we umes, and the information conveyed is shall have to conclude that an object on almost startling. Here is a degree of un- the moon must be fifty yards across in iformly never before attained, and espe- its narrowest superficial dimension in cially wonderful considering the extent of order to be perceived as a distinct entity rates. done with relatively small telescopes that the are measured. It means not only by the aid of the highest available powthat we may hope for a vast improve- er eye piece in the Yerkes telescope, and much bigger ones which are unstable ow- ment upon the work of other observator- this only possible at rare and un ing to poor mounting, or poor location, les, but may anticipate a superseding of intervals. Pretty hard work it must be the results obtained by them in a very to discover indubitable proofs of the exer is the magnifying power that can be lagre field of work with the telegrape, istence of living organisms on the moon employed, other things being equal. But with the cutting down of probable error if there be any. And when we rememto a very small fraction, instead of hav- ber that at this nearest distance from is magnified in its effect in proportion ing it sometimes exceed the total quantus the planet Mars is removed well up to the magnifying power used, and this tity involved, as is the case now. The towards 200 times the distance of the will lenable the unpracticed reader to un- term probable error means the uncer- moon the possibility in this case mus derstand the satement that the highest tainty which attaches to the given value be correspondingly remote. The tele-powers can only be employed when seeing conditions are as nearly perfect as differences between the results obtained in power before we can hope to deal with possible, which at many observatories is by computing from different sets of ob- the question of life on the moon otherut a few hours in the whole year.

Servations which do not agree. And the wise than in the most generally inferenactual uncertainty often is far greater, tial way. "let alone Mars." Yet it is appliances. Suffice it to state that the ling it, this for the reason that he does tention to the fact tha the illustrious instrument will be moved in every direct not take into the account all the work Herschel (the elder) is reported to have tion by electric power with the least pos- that some others may deem valuable. used magnifying powers of 5,000 or more of time on the part of the observer. The erintendent of the American Nautical day, and claimed that he obtained good results. instrument round at the same rate as the as 9.22 seconds, with a probable error of day find it possible to repeat his exper earth) works continuously, as long as seconds, these being late results in each who stated several years ago that the considering a vast mass of material. Two

PERFECTION OF VISUAL FIGURE, of parallax of stars, distances and post-Before proceeding farther on this head tions of components of binary systems very brightest, were perfectly round and parture of finding the parallax of nebula, Thie, however, is not to be accomplish-

reality the big instrument is not being used at present except a little and under disadvantages so great that any one less enthusiastic than Professors Hale and Barnard and their abte associates would let it severely alone. Owing to a slipping of the insufficiently fastened cables that were intended to sustain the movable floor of the observing room the floor fell May 29, after only two nights of work with the telescope, and came near wrecking the whole instituton. But the instrument itself was found to have received no injury. Since then the floor has been suspended in such a way that on further trouble is apprehended on that score, but up to date the dome is as immutable as if it were an old law of the Medes and Persians, and the only way in which the instrument can be used is by examining such objects as pass over openin, with the oft experienced result that an object passes beyond the lin it before it has been thoroughly observed. Still in that time Barnard has done wonders. He not only has familiarized himself with the working of the instrument, so as to be able to utilize it to the utmos when the dome is set in working order, which may be some weeks yet, but he has picked up some twenty "new" nebuulae and detected the existence of several very minute or very close companions to stars which previously were no known to have such companions. Professor Hale has also made a series of spectroscopic observations and taken a few star photographs, assisted by Professor Wadsworth and Mr. Ellerman.

part of the observatory is finished the and stop at another signal when the ophaving to drag around a huge "chair," as well as the protection of the objective

scope will not ald much in that direction. It will not be difficult to give the almost is justified in saying peremptorbe kept perfectly steady, even when a slax is far less than that. The angle nam-moderate wind is blowing outside. Crit-edmay be represented by the breadth of a like Yerkes telescope will never be reed edmay be represented by the breadth of a the Yerkes telescope will never be raed South American points. included the atmospheric condi- disk one foot in diameter placed at a dis- on the moon, and the second highest leady speaking, the atmospheric condi- disk one foot in diameter placed at a dis- on the moon, and the second highest leady speaking, the atmospheric condi- disk one foot in diameter placed at a dis- on the moon, and the second highest leady speaking, the atmospheric condi- disk one foot in diameter placed at a distwo straight lines meeting at a point and latter as a possibility, we may allow the separated by a single foot at the distance of 400 miles from the function is but a to the percentage of light absorbed in very small fraction more than one-tenth its passage through the glass, leaving 2,400 to 1 as the advantage gained by using this teelscope on the moon. Dividing 240,900, the mea distance of the ing power equal to that we would have is just about equal to the task of disonly fair in this connection to call acan be gained by carrying the diameter of the lenses beyond about thirty-six to be gained by increasing the magni-

It looks now as if a very large part of most favorable circumstances the ad-this uncertainty is to be done away with vantage in attempting to surpass o powresults to be obtained by measurements measures made with the great Yerkes slight. He adds: Whether the great felat the idea of the sperior character of the In the near future by the adoption of the t may be well to state incidentally that and angular diameters of planets and This, however, is simply in regard the images of the stars seen, except the luminaries, to say nothing of the new demere optical power. The refracting telminute points of light, and only a slight or the far more precise results that fairly winginess was exhibited by the leading may be looked in for the work with the escope is relatively so easy to manipulate that we probably must look to it star in the Swan, which is a preity bril-liant one. Tals fact strongly testifies to star fields and other greater distinguess which gather the light and transmit it. It perhaps is not too much to expect that to the focus, there to be magnified up very much of the work done at observawhere magnifying is possible. Any ap- tories will be rendered comparatively

MOVE BY DELICATE MECHANISM. When the preparatory work in this big dome will move at the mere touch of an electric button by the observer, oning of the dome has arrived at a suitable position between the telescope and the object to be examined. The floor of he observing room will rise or fall with equal facility through as great a range of altitude as may be wanted to enable the astronomer to make his observation and measure directly from it without as is the case in many other observatories. The more coarsely graduated circles for right ascension can be read from the eye end of the big tube, and the dome itself is large enough to permit the use of spectroscopic or other apparatus projecting a yard or more beyond the focus, by means of a long due cap, should that be deemed proudent, though the dews in that region are light. The glass has been found moistened with dew only once since it was placed in the tube. This amplitude of space is a valuable feature, its worth being best appreciated by those working astronomers who have suffered from want of room and found the worth of their work much lessened by a condition that suggests the coat too small to

fit the back of the wearer.

intelligent reader a hint towards the understanding of this statement. One moon in miles, by 2,400 gives an observif able to see the moon with the naked eye at the distance of 100 miles instead of 240,000. Now, the most acute human on the vastly inferior instruments of his Will anybody in the present iment? And if so, "what will he do with it." Professor Simon Newcomb, defects arising from the secondary spec-trum increase with the aperture of the turn limit October 11th, 1887. F v far glass so much that no advantage ever | ther information call on or address inches, doubts if any real advantage is fying power to more than sixty to each inch of aperture, and that under the most favorable circumstances the adscope of the future shal belong to one class or the other must depend upon whether the imperfections of he reflect. Mosley avenue station. ing mirror can be completely overcome.

as the working instrument of the future as well as he past. LOSS OF LIGHT. The condition alliated to by Professor Newcomb is out the one which is pop-ularly supposed to limit the construction

(Continued on Sixth Page.)

# Railroad Readers

HOMESEEKERS EXCURSIONS VIA

SANTA FE ROUTE. A series of Homescekers' Ex has been arranged by the A., T. & S. F. R'y at the low rate of one fare plus two dollars for the round trip. On sale the following dates: August 3rd and 17th, Sept. 7th and 21st, Oct. 5th and 19th, for points in Arkansas, Arizonia, Indian Territory and Oklahoma, New Mexico and Texas, where the one-way rate is \$7.00 or more. Stop-overs allowed on going trip with 15 days. Final return imit 21 days. Call on or address Santa

Fe sgents for full particulars.

L. R. Delaney, Agt., Wichita.

W. J. Black, Gen'l Pass. Agt, Topeka. NASHVILLE, TENN., AND RETURN \$35,55. TENNESSEE CENTENNIAL AND IN-

TERNATIONAL EXPOSITION. The Atchison, Topeka and Santa Fe vill sell daily, tickets to Nashville and return at rate of \$35.55 continuous passage in each direction. Final limit November 7th, 1897.

L R. DELANEY, Agent Telephone 139.

Through tickets, baggage checked, maps, time tables and full information about the Santa Fe Route and 'Friedo Line can be obtained from their ticket office at Douglas avenue station, which is open until 10:40 p. m. every day. All questions cheerfully answe L. R. DELANEY, Agent

NASHVILLE, TENNESSEE. TENNESSEE CENTENNIAL AND

INTERNATIONAL EXPOSITION. MAY 1ST TO OCTOBER 30TH. 1897. For this occasion, commencing May 20th and continuing daily thereafter to and including October 15th, 1897, the Missouri Pacific railway will sell tickets to Nashville and return for \$35.55, limited for return passage to November 7th.

The Missouri Pacific railway has two fast express trains daily, making close connection in St. Louis Union depot with trains to Nashville. For particulars call on or address E. E. BLECKLEY, P. & T. A.

HOMESEEKERS' EXCURSIONS VIA THE GREAT ROCK ISLAND ROUTE.

To points in Arkansas, Indian Territory, Texas and Louislana, one fare plu-\$2.00 round trip. Tickets on sale July 20th, August 3d and 17th, September 7th and 21st, October 5th and 19th, good Island Route" will sell every Tuesday twenty days for return. HAL S. RAY, D. P. A.,

Wichita, Kansas. The best way to Colorado is over the Santa Fe route. The fast train which May be found is Topeka from Sept. 27 leaves Wichlia at 3.45 p. m., arrives at to Oct. 2, enjoying the continuous shows. Colorado points the next morning. For information call on or address

L. R. DELANEY, Agent. Phone 135 Douglas Avenue Depot. GENERAL STEAM SHIP AGENCY. MO. PAC. TICKET OFFICE, 114 North Main Street,

Wichita, Kansas. steamship tickets to all points in the of A Colorado Summe world. We are agents for the following lines of Ocean steamship companies, and keep the original tickets always on hand, so

that upon purchasing we can hand them to you at once. American Line-New York to Southampton.

American Line-Philadelphia to Liverpool. Anchor Line-New York to Glasgow. Cunard Line—New York to Liverpool. North German Lloyd—New York to Southampton, Bremen, Genoa, Naples Gibraltar, Austria, China and Japan, White Star Line-New York to Liver-

pool, Cape Town, South Africa and We also make a specialty of prepaid Taking, however, the ocean tickets. So that any one desiring to pay for a ticket here to bring over 28, 30 and Oct. 5, 7, their friends from the Old countries can do so safely and cheaply. We attend to address the delivery of the ticket E. E. BLECKLEY,

side. REMEMBER WELL AND BEAR IN MIND That the Missouri Pacific railway is the shortest and quickest route to all Colo-rado points. Leaves Wichita at 5:15 p. m., arriving at Pueblo 7:50 a. m., Colorado Springs 9:20 a. m., and Denver at 12 noon. One hour quicker than any competitor. City ticket office 114 North

Main street. Telephone 211. FRISCO LINE. ST. LOUIS & SAN FRANCISCO RAIL-

ROAD COMPANY. Tennesses Centennial and International Exposition. Nashville, Tenn., May 1 to Oct. 21, 1897.

The Frisco Line now have on sale round trip excursion tickets to Nashville, Tenn., for the above at exceedingly low Chicago in...... I hours. 19 minutes For full information call on or ad-

F C HOAG. City Ticket Agent. TAKE THE MISSOURI

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